of Conditions That Are Likely to Be Met.

LONG RANGE IN WEIGHTS

Vary From 6 to 12 Pounds-American Birds Among Smaller Class.

#### By PROF. P. H. STONEBURN.

The American Poultry Association in its Standard of Perfection classifies fowls largely according to the geographical location from which the original stock is supposed to have come. Since nearly all breeds of most classes resemble each other in a general way this system serve the purpose fairly well, but an arrange-ment based on definite characters would probably prove more satisfactory to the verage poultryman.

The principal classes of fowls having economic value as producers of eggs or table pounty are as follows: American. Asiatic, Mediterranean, English, Polish Dutch, French and Oriental Games.

The American class represents the skill of American class represents the skill of American breeders and is made up of birds carrying the blood of the Asiatics and other old breeds included in this class are the Plymouth Rocks, Wyandottes, Javas, Dominiques, Rhode Island Reds and line leves, with their several varieties. and Buckeyes, with their several varieties, numbering twenty all told. In color they range from pure white to black, with exquisite lacing, pencilling and barring on some varieties. The average weight is approximately

9 pounds for adult cooks and 61, to 7 pounds

These breeds are properly general purpose fowls, useful alike as market poultry and producers of brown eggs. Most vari-eties have yellow legs and all have yellow skin. Docile, hardy, quick growing, re-liable setters and mothers, the birds of this class are more generally bred than any other class, with the possible excep-tion of the Mediterranean. In the Asiatic class are grouped the heavy or meat breeds, the Brahmas,

Cochins and Langshans, in eight vari-ties. There is considerable difference it whight among these breeds, an adult Light Brahma cock weighing 12 pounds and a Black Laugsham cock 91, pounds. The comparative weights of hens of these two breeds are 21, pounds and 71, pounds.

Oving to their large size the Asiastic breeds are slow in maturing and as a rule are inclined to be lazy and inactive. They are extremely gentle, easily confined and make great pets. With the exception of the Langsham they have yellow skin and legs. They are not generally regarded favorably as profitable egg producers, but individuals frequently excel in this particular. The Langshams are very good winter layers, their eggs being large and unusually dark in color of shell.

All of the Asiatic breeds are much incock weighing 12 pounds and a

even though somewhat clumsy.

The Mediterranean class contains the breeds which have been called "egg ma-chines," the Leghorns, Minorcas, Spanish, Blue Andidusians and Anconas, twelve varieties. As a class these birds are small, nervous, active, non-setters, quick growing and law white setters, quick growing and lay white eggs. Most of them are either white, brown or black in color. They are not much used for the production of table poultry, though Leghorns make

excellent lightweight broilers.

The Minorcas stand out as the heaviest of these breeds and are producers of the largest white eggs that are laid by any

Single Comb White Leghorns are undoubt-

### Early Hatching a Wise Move.

All eggs to be used for hatching pur-poses must be strictly fresh. The sooner incubation is started after the egg is laid stronger will be the vitality of the ck. The older the egg is the lower vitality of the chick. Frequently the vitality of the chick. Frequently chicks hatched from old eggs do not have enough vitality and strength to work out of the shell. The longest time an egg which is to be used for hatching purposes should be kept is ten days, although successful hatches can be made with sider eggs. An egg may hatch when it is two months old, but the germ is so weak by that time that the chick never will amount to much. The only safe way to figure is that the older the egg the weaker the germ and the weaker the chick that hatches.

### Stamford Prize Lists Out.

Secretary R. M. Clark of the Stamford Poultry Association has announced that sociation's annual show will be held the association's annual snow will be held in Stamford, Conn., January 21-25 and has sent out premium lists. The entries are to close on January 11. The associa-tion has joined the American Poultry Association and the show will be held under he rules of the national organization. The judges chosen are G. D. Tilley of The judges chosen are G. D. Tilley of Darien, Conn.; W. H. Card of Mancheser. Conn. : Henry Cundell of Water Mills Paul Ives of Guilford, Conn., and L. E. Olmstead of Bethel, Conn.

White Wyandottes to the Fore. The Ontario show is Canada's greatest poultry exhibition and this year it was greater than ever before. There were about 3,500 single entries, Wyandottes having 454, Plymouth Rocks 381, Leg-horns 369, Orpingtons 216, Minoreas 188, Rhode Island Reds 163, Polish 163, Hamburgs 106, Ornamental Bantams 300 and

#### BALTIMORE STRONG FOR CHICKS.

Poultry Exhibit Attracts Thousands of Interested Visitors.

IN BREEDS OF POULTRY It is said that every chicken has its day, and the saying is certainly true so far as the birds in the fifth annual show A Variety for Almost Every Set sociation, which closed last evening in Baltimore after five big days, are conof the Maryland Poultry and Pigeon Ascerned. Nothing but the poultry show

cerned. Nothing but the poultry show had any attractions for the visitors and residents in that city. Nearly 5,000 birds from eighteen different States were on exhibition, afteen exhibitors sending entries from New Jersey alone.

The Orpington entries of Dunrobin Farm, Red Bank, N. J.; Sunswick Farm, South Plainfield, N. J., and Mayor James H. Preston of Baltimore attracted the most attention in the competitive classes, with the single comb White Leghorns from the Endicott Farm of New Brunswick, N. J., a close second.

An exhibit that attracted more than passing attention was that of a large pen

passing attention was that of a large pen of White Plymouth Rock capons, some of which weighed ten pounds. Adjoining this coop was a cage containing a num-ber of baby checks of the same breed, and the contrast in size caused much com-

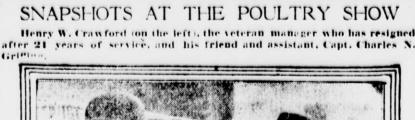
The show was well attended from the

Black Minorca, first prize winner.

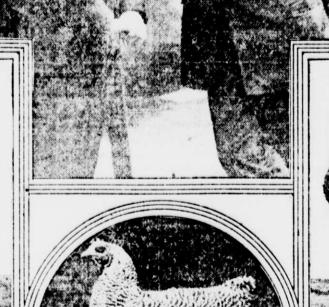
start, over 10,000 persons visiting the

The pen winners in the principal classes

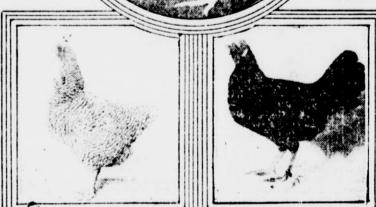
Armory on New Year's Day











In the circle is one of the best Barred Plymouth Rock hens shown. On the left is another of the same breed, and a good winner, and on the right a

Has New Manager.

## GAIN OF 100 PER CENT. IN EGGS OVER ONE YEAR AGO,

First Week of Laying Contest Shows Big Results From Scientific Methods.

WINTER YIELD INCREASED

Way Found to Make Hens Take More Water, Essential to Heavy Laying.

The second international egg laying competition, which is being conducted at the Connecticut Agricultural College, Storrs, Conn., already is attracting considerable attention in the poultry world. At the end of the first week of the second contest the egg yield shows a 100 per cent.



Headed Black Minerca.

increase over the corresponding week of last year. Last year at the end of the first week twenty-two pens out of the one hundred were laying. This year at the end of the first week forty-eight pen are laying. The egg yield for the first week last year was ninety-one. This year 184 eggs were laid the first week.

This goes to show that the breeders re learning the fine points of this business, just what these egg laying competitions were started for. The sole object of this competition is to create inerest enough among the breeders of poul'es so that from one year to another here will be a big improvement in the egg yield. No doubt this condition will prevail in this country just the same as it has in the ten years of the Australian contests. The housing, feeding and care will be the same this year as they were Below are the formula of the feeds

Dry Mash - Coarse bran, 200 pounds; corn meal, 200 pounds; gluten feed, 100 pounds; ground oats, 30 pounds; standard middlings, 75 pounds; low rade flour, 25 pounds; fish scrap, 30 pounds

### AMOS RUSIE AGAIN IN JAIL

Wife of Giants' Former Pitcher Says He Threatened to Kill Her.

SEATTLE, Wash., Jan. 4.—Amos Rusie, nce star pitcher of the New York Glants. once star pitcher of the New York Giants, was committed to the county jail to-day o na charge of threatening to kill his wife, who swore out the warrant for his arrest. It is alleged that Ruste drove his wife,

### DAHLEN SELECTS AUGUSTA.

Brooklyna Will Report to Him There for Training on March 10.

The Brooklyns will train at Augusta, ia. Manager William Dahlen made this announcement yesterday, adding that the players would be ordered to report on Monday, March 10, at the Albion Hotel in that city.

As a precaution against loss any sick on Friday night and at the Buffalo Club fowl or chick should be immediately last night. They now will go to Chicago and play this week at Mussey's. Next that city.

Memoers of the team who live in this spread of an infectious disease can be son's in St. Louis.

thence by rail to the training quarters.

The Dodgers will leave Augusta about March 31 to gradually work their way north. After one or two exhibition games in Richmond the regular team will play in Washington with Clark Griffith's Senators of April 2 and 3. They will then play for the first time at Ebbets Field with the Newarks on April 5.

Hoppe, the 18.2 balkline champion, will play the first half of this week at the Pullman Billiard 2 all, Detroit. On Thursday he will be at Houston Brestons on April 2 and 3. They will then play for the first time at Ebbets Field with the Newarks on April 5. the Newarks on April 5.

# POULTRY DIRECTORY



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Grand Central Palace Winnings-Cock (1, 2, 3, 4); Hen (1, 2, 3, 4); Cockerel (1, 2, 3, 4): Pullet (1, 2, 3); Pen (2, 3, 4). Send Stamps for Catalogue.

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MONMOUTH FARMS.

Originators of the Monmouth Strain of S. C. surf and White Leghorns, the 2nth Century Dual Purpose Fowl. Stock in both varieties for sale. Now booking egg orders.

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## NOW IS BETWEEN SEASONS TIME FOR POULTRY FANCIERS

Prime Condition.

Prime Condit The bathed class comprises the Durch good property of the bathed class comprises the Durch good proper

would not lay in winter to any extent has proved false in this case at least, as the best layers last winter were the Leghorns, and they have started out this year to duplicate their performance.

A pen of White Wyandottes owned by Mrs. H. Francis Haynes, Shoup, Idaho, had some travelling to do before they reached the contest plant. After leaving Shoup they went by pack horse for six miles, then by stage for forty-five miles, and lastly by rail for twenty-five hundred miles, and already they have started to lay.

Find Date for Football.

Pittsburg, Jan. 4.—There will be no football game between Washington and play, prizes presented by club; 22, team match for first annual club dinner, details later; 29, putting contest, prizes presented by Mrs. Aborn and club.

April 1, handicap against bogey, first and second prizes presented by Mrs. Gardiner and second prizes presented by Mrs. Gardiner and second prizes presented by Mrs. Waters; 5, approaching and putting contest, prize presented by Mrs. Jillson, putting contest on clock, prizes to take the trip East that a game at Annapolis entails.

Annapolis offered Saturday, October 25, and Saturday, November 15, as dates.

and Saturday, November 15, as dates. Washington and Jefferson plays Yale on the first date and will probably have its big game of the year November 15 with University of Pittsburg. Murphy does not think it advisable to take more than one big Eastern trip, and as the Yale game is already booked there seeme no chance line game against George Sutton of China. for the Navy game.

### Withington Answers Accusers.

Boston, Jan. 4 .- Paul Withington, the March 15 and held it until May 18, when o na charge of threatening to kill his wife, who swore out the warrant for his arrest. It is alleged that Rusie drove his wife, who is an invalid, and her little daughter into the street last night.

Rusie earned a living as an umpire and scout in the Northwestern 'League last season. He has been working as a laborer this winter and is said to have been drinking heavily of late. When pitching for the Glants Rusie received as much at The complaint was based upon section the Glants Rusie received as much at The complaint was based upon section the Glants Rusie received as much at The complaint was based upon section the Glants Rusie received as much at The complaint was based upon section the Edward Ralib, who finished first in the Casho

part of the country will leave here by checked if prompt action is taken when steamer for either Charleston or Savannah the first symptoms of sickness appear. Hoppe, the 18.2 balkline champion, will

Readquarters for

44 Cortiandt St.

## HEALTHY CHICKS

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WOOD RIVER POULTRY YARD, 23d St and Fifth Av., New York. Eggs, butter and chickens for sale

## WOMEN GOLFERS TO BE BUSY.

schedule of Twenty Events Begins at Pinchurst Tuesday.

PINEHURST, N. C., Jan 4 .- The coming week inaugurates the extended tournanent schedule of the Silver Feils, Birds Kept in Stuffy Showrooris

Must Be Brought Back to

Must Be Grandition

Must Be Brought Back to Showrooris golding club, twenty events filling in the time from next Tuesday to April 5. Of the forty-six attractive trophics offered the majority have been

Meets Sutton for 18.1 Title in Pitts-Ora Morningstar will defend his claim

cago at Pittsburg on Thursday night. Sutton won the 18.1 championship from William F. Hoppe at the Hotel Astor on

case to the committee and the matter was this winter and is said to have been drinking heavily of late. When pitching for the Giants Rusie received as much at \$6,000 for a single season. He was on the payrell of the New York club from 1896 to 1893. During that time his wife had him arested twice for assault and batter.

The complaint was based upon section and ended at the Terminai Billiard Ealward Ralph, who finished first in the personal services to an athletic association him arested twice for assault and batter. While the pocket tournament at Philadelphia, which began at the Casine and ended at the Terminai Billiard Ealward Ralph, who finished first in the national championship tournament at Philadelphia last April, and James McCoy, champion of Ohio, tied for second place. In the playoff McCoy won. Before the Harvard Athletic Association. He has an office at the Harvard Union, but when he has had any spare time he coached the

Harvard Athletic Association.

George F. Slosson and Koji Yamadi now are starring in the middle West.

They left this city New Year's eve and will be away until the latter part of this month. They played at the Brunswick. As a precaution against loss any sick on Friday night and at the Browl or chick should be immediately last night. They now will go

All of the Asiatic breeds are much inclined toward broodiness, being persistent retters. They make trustworthy mothers, even though somewhat clumsy.

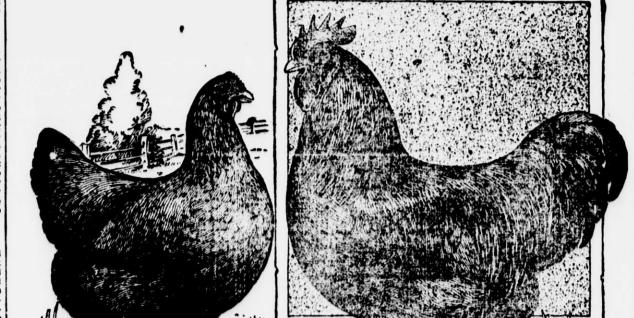
Single Comb Black Minercas—Won by Greenbury Poultry Farm.

Birchen Game Bantams—Won by W. W. Symington.

Hack Cochin Bantams—Won by C. M. Diffenderfer. Buff Orpington Ducks-Won by Dunrobin Farm. LONG FILLED BY CRAWFORD Silver Anniversary of Garden Black Minorca Pullet. Poultry Show Next Year

sibition yards in the principal classes

## WHEAT CROP HAS A RIVAL.



White Wyandotte class to be the most sensistently good one he ever judged.

New England. It is profitable for all around use. They lay big brown eggs and the chicks are hardy and rapid growers. Originated more than fifty years ago at Little Compton, it has become the practical common fowl of a part of